



FIG. 1A



FIG. 1B

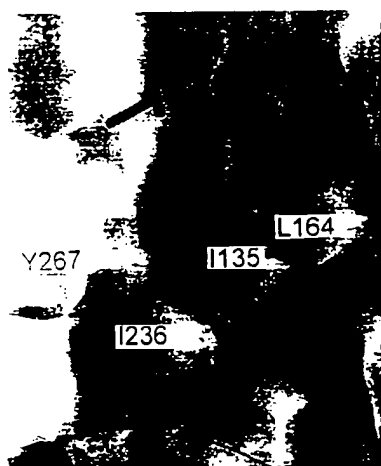


FIG. 1C

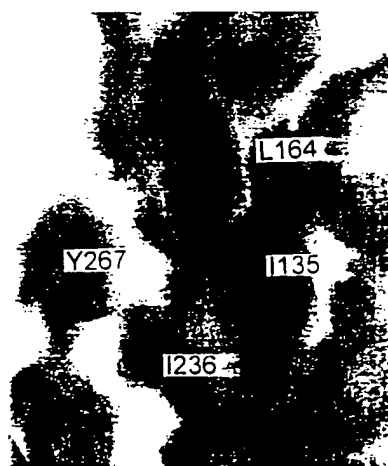


FIG. 1D

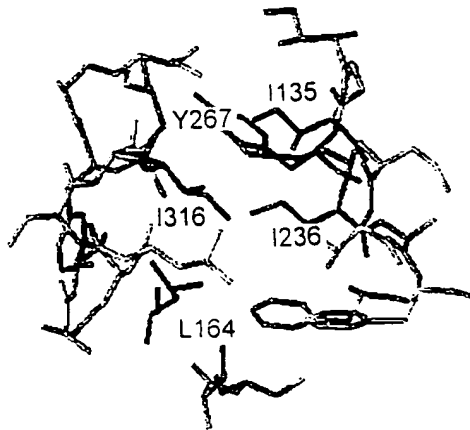


FIG. 1E

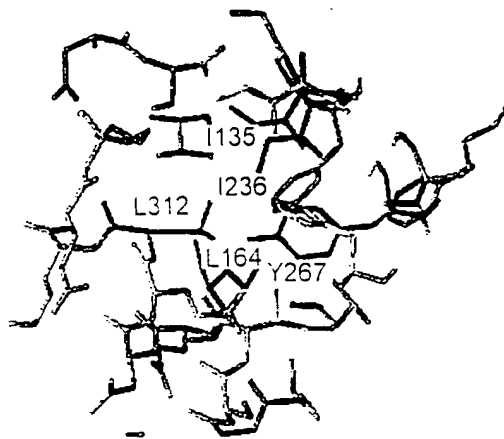
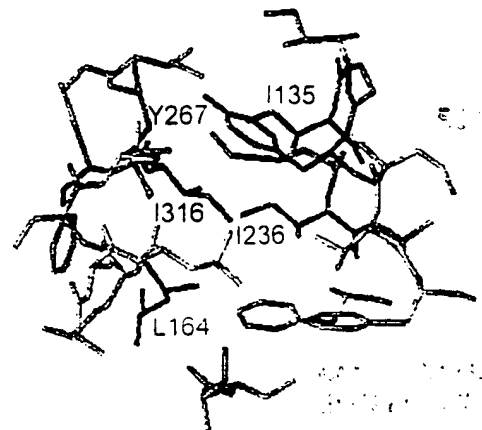
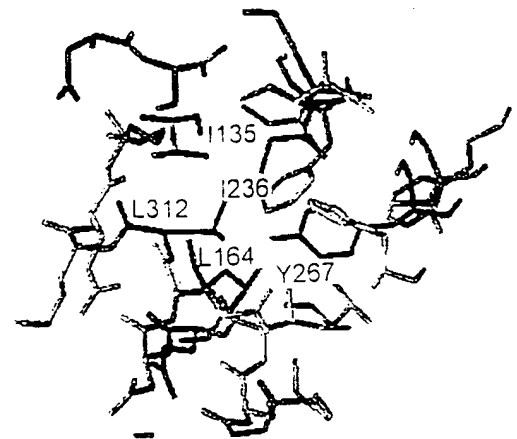


FIG. 1F



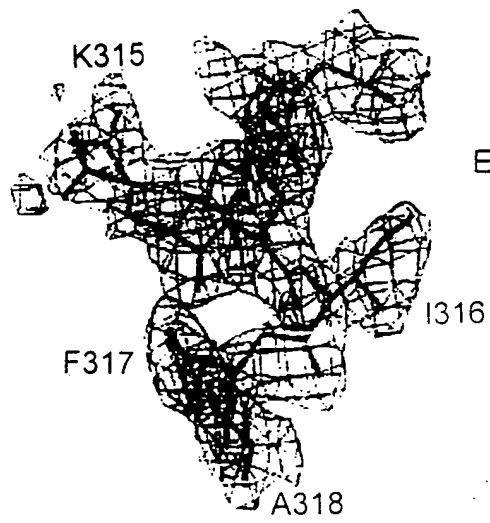


FIG. 2A

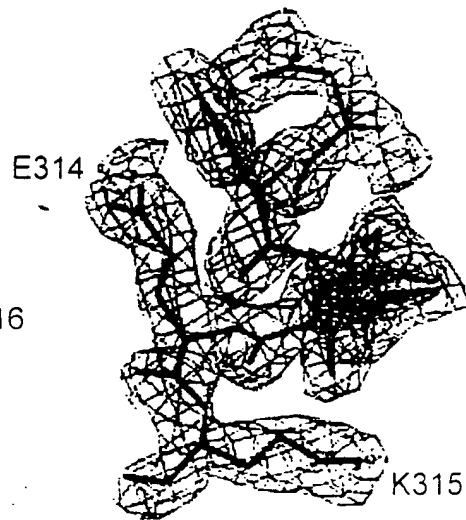


FIG. 2B

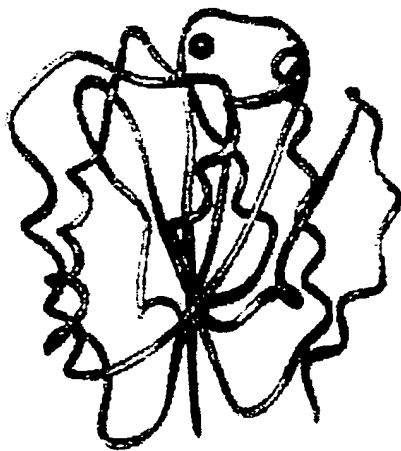


FIG. 2C

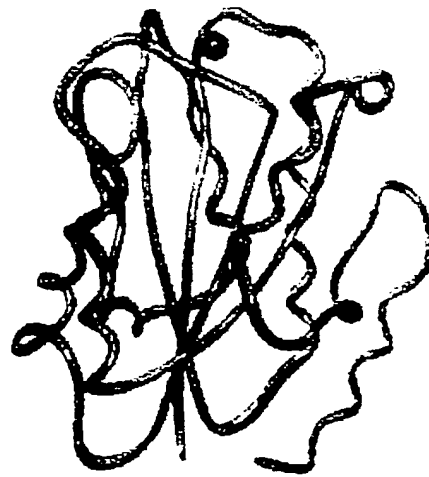


FIG. 2D

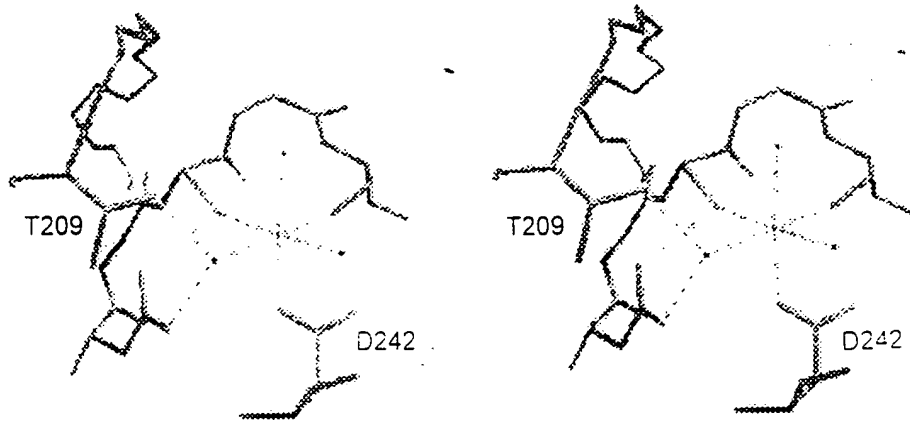


FIG. 2E

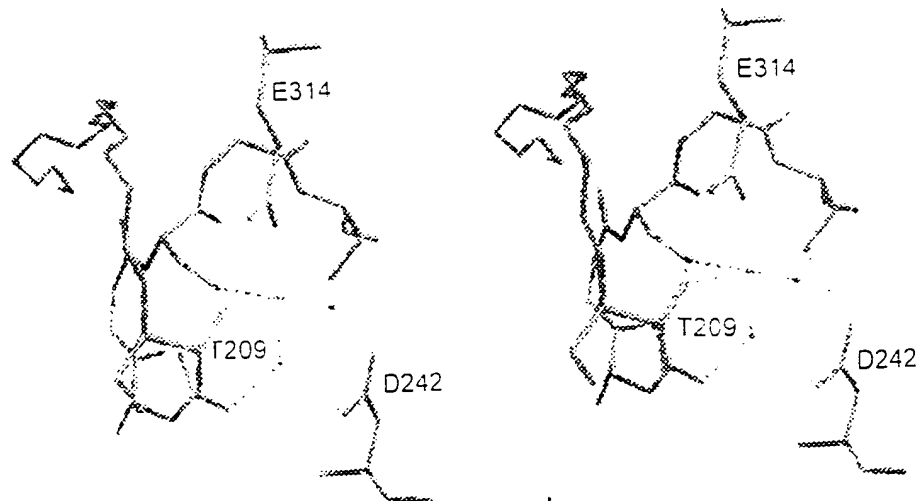
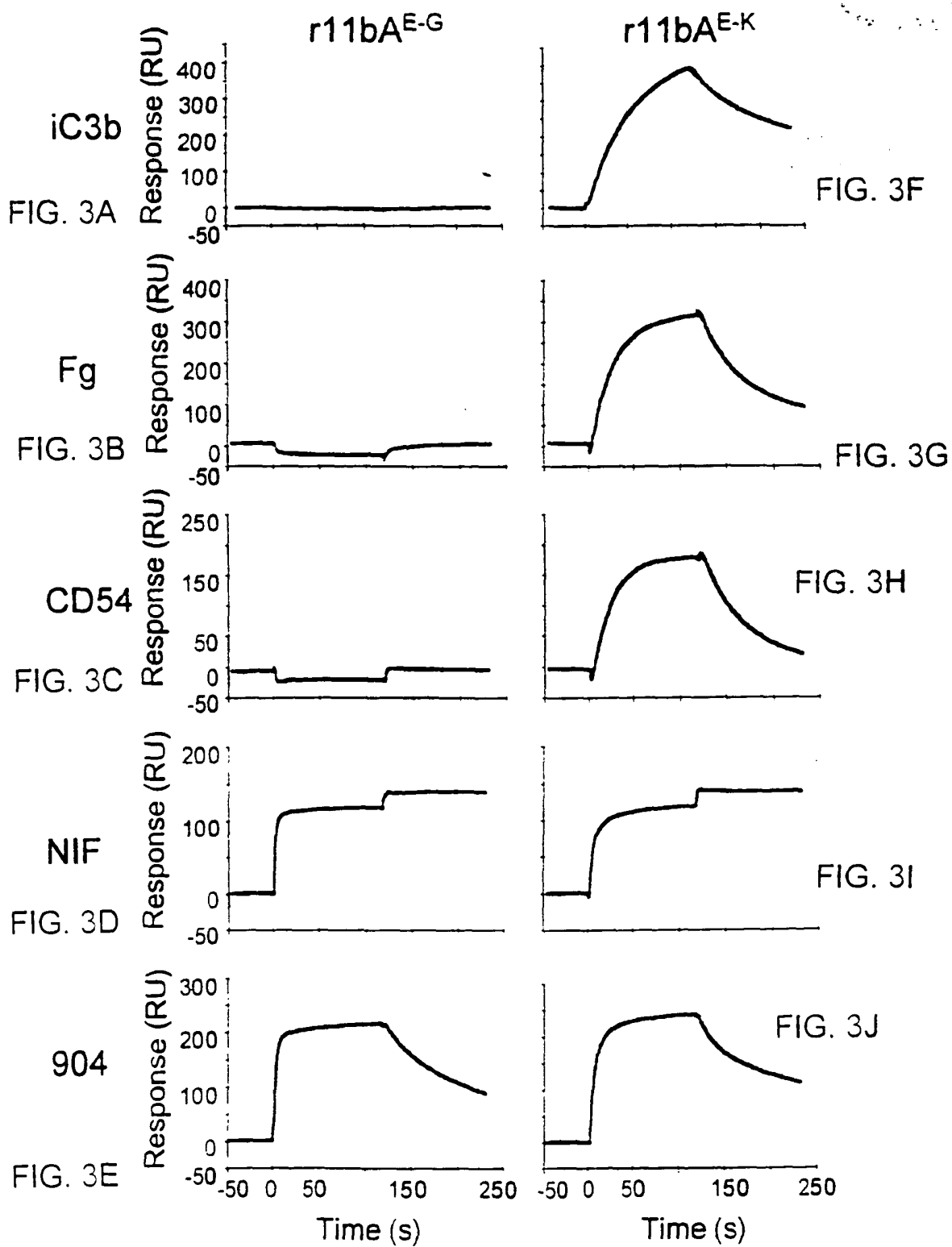
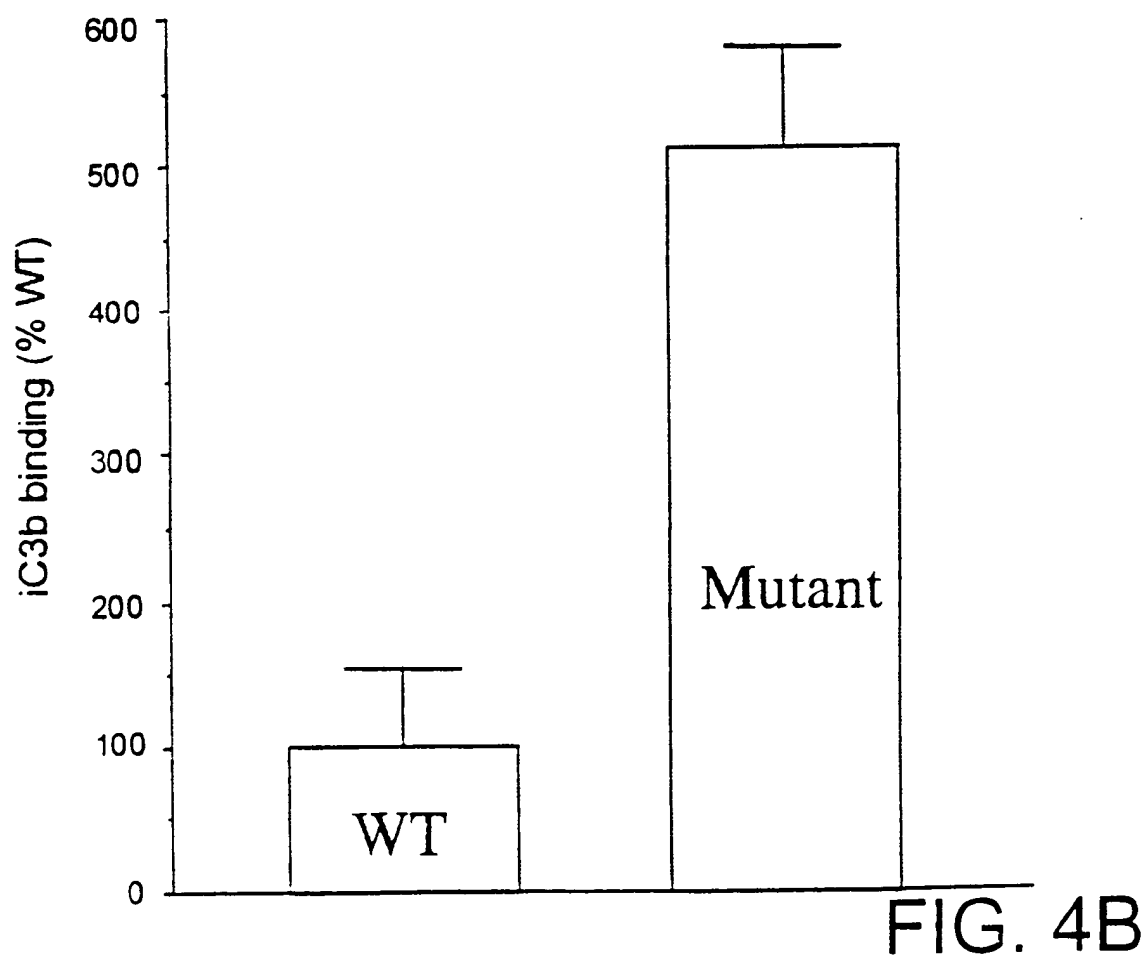
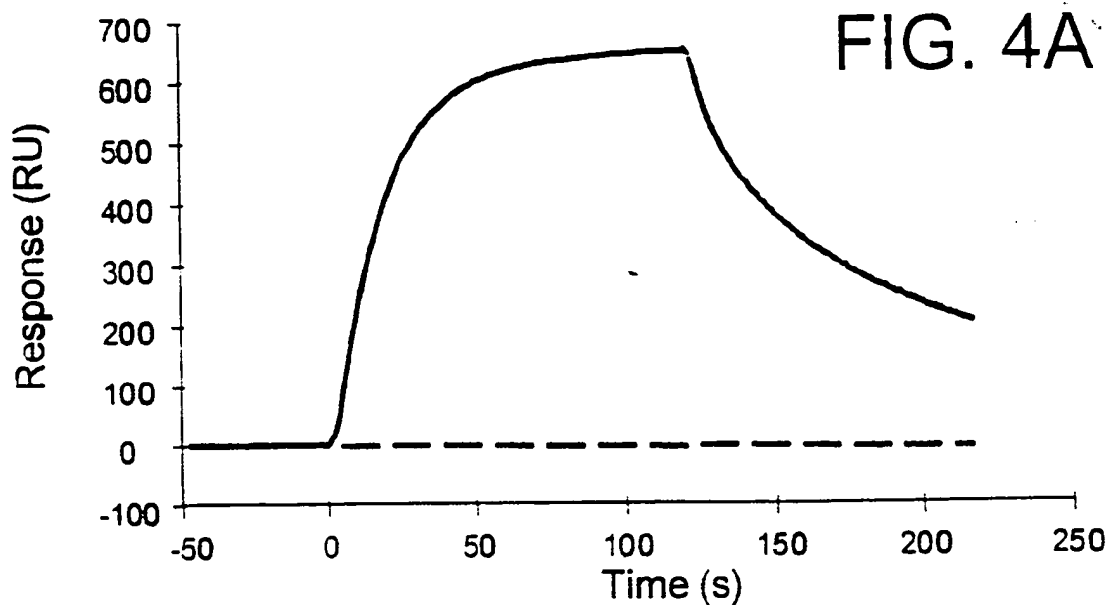


FIG. 2F





11b-A 1:CPQEDSRIAFI1DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 11c-A 1:PROEODIAP11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 11d-A 1:CPQEDSRIAFI1DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 11e-A 1:IKGNVDP11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 a1-A 1:KSTQ11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 a2-A 1:KPSL11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 a10-A 1:KPT11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 a11-A 1:KPT11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 aE-A 1:EEAGT11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 consensus 1:-----

11b-A 98:ITNCHCKN11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 11c-A 98:ASVCHCKN11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 11d-A 98:IKNCHCKN11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 11e-A 98:ELCHCKN11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 a1-A 98:KAKCHCKN11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 a2-A 98:ASCHCKN11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 a10-A 98:QSHCHCKN11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 a11-A 96:QKCHCKN11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 aE-A 99:SSHCHCKN11DGS6G11EHDIFRRKKEFVSTVMEQLKKS..KTLFSLMAYSEEFRIHFTFKQIQQNNPNRSLVKPITOLLG.RHTHTGIRKVVVRELFN  
 consensus 101:-----

11b-A 193:G194  
 11c-A 193:G194  
 11d-A 193:G194  
 11e-A 186:G187  
 a1-A 197:G198  
 a2-A 197:G198  
 a10-A 197:G198  
 a11-A 195:G196  
 aE-A 194:G195  
 consensus 201:1\*202

FIG. 5

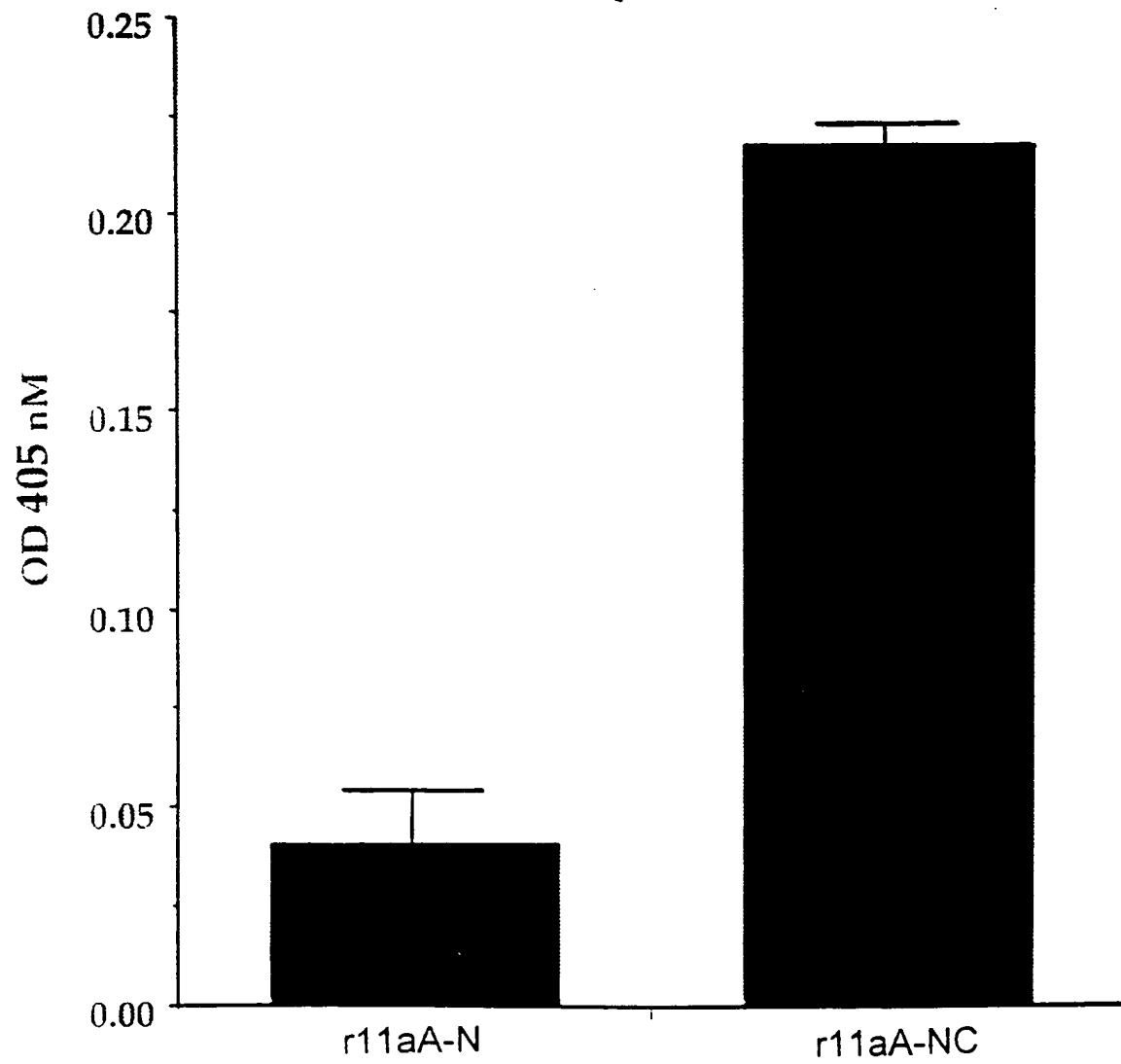


FIG. 6



